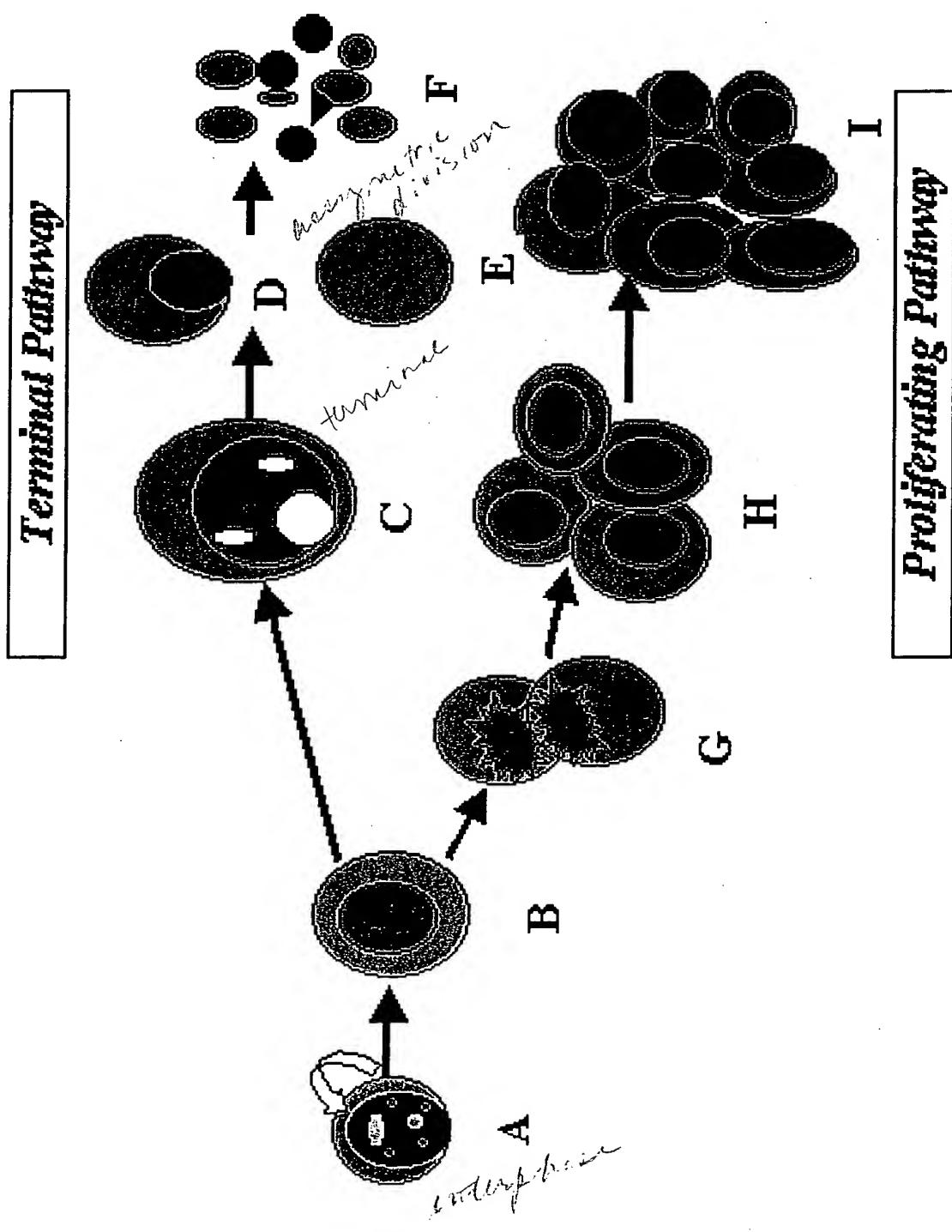


Figure 1



**Figure 2 A**  
**Cell A CK**

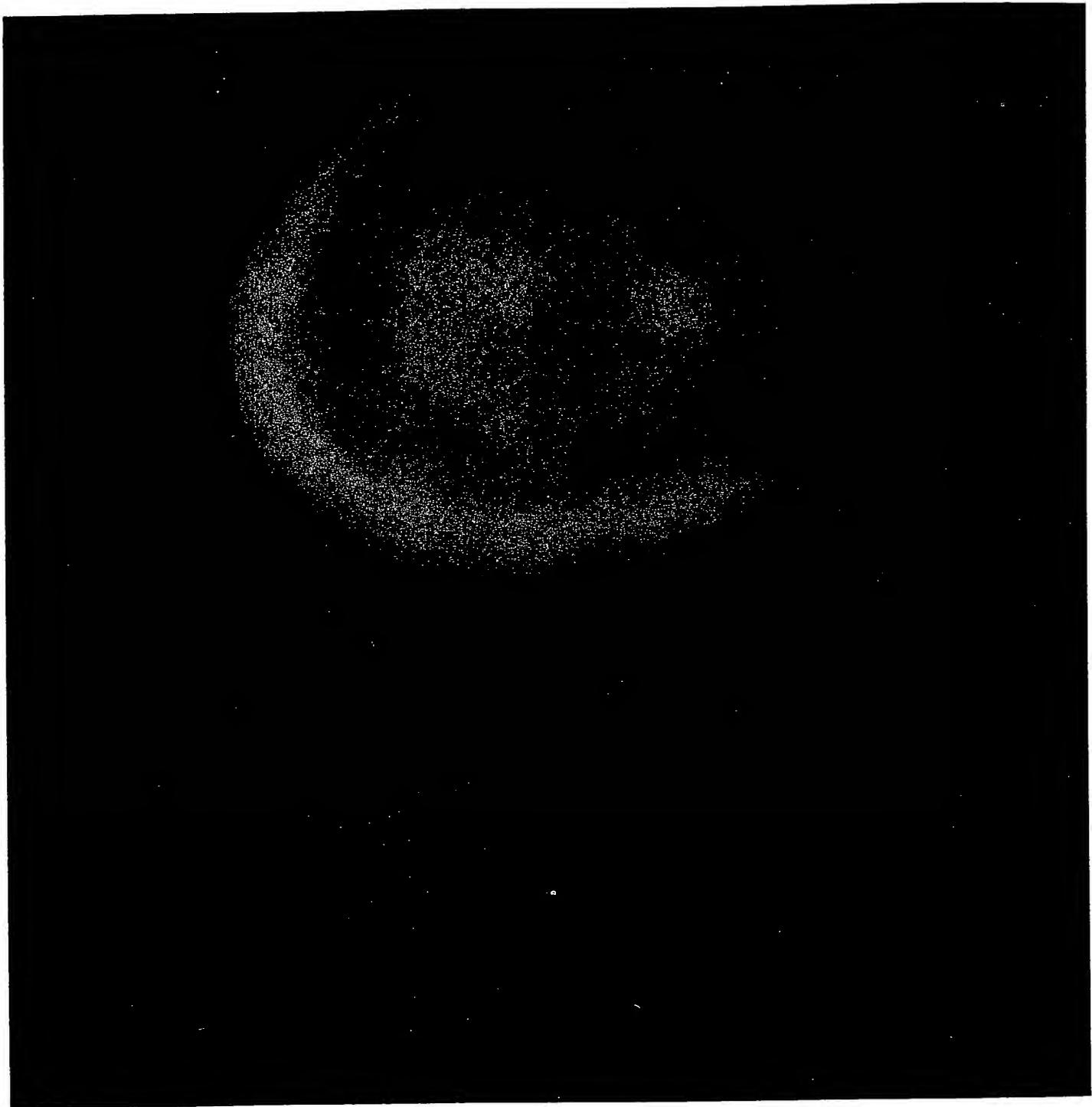
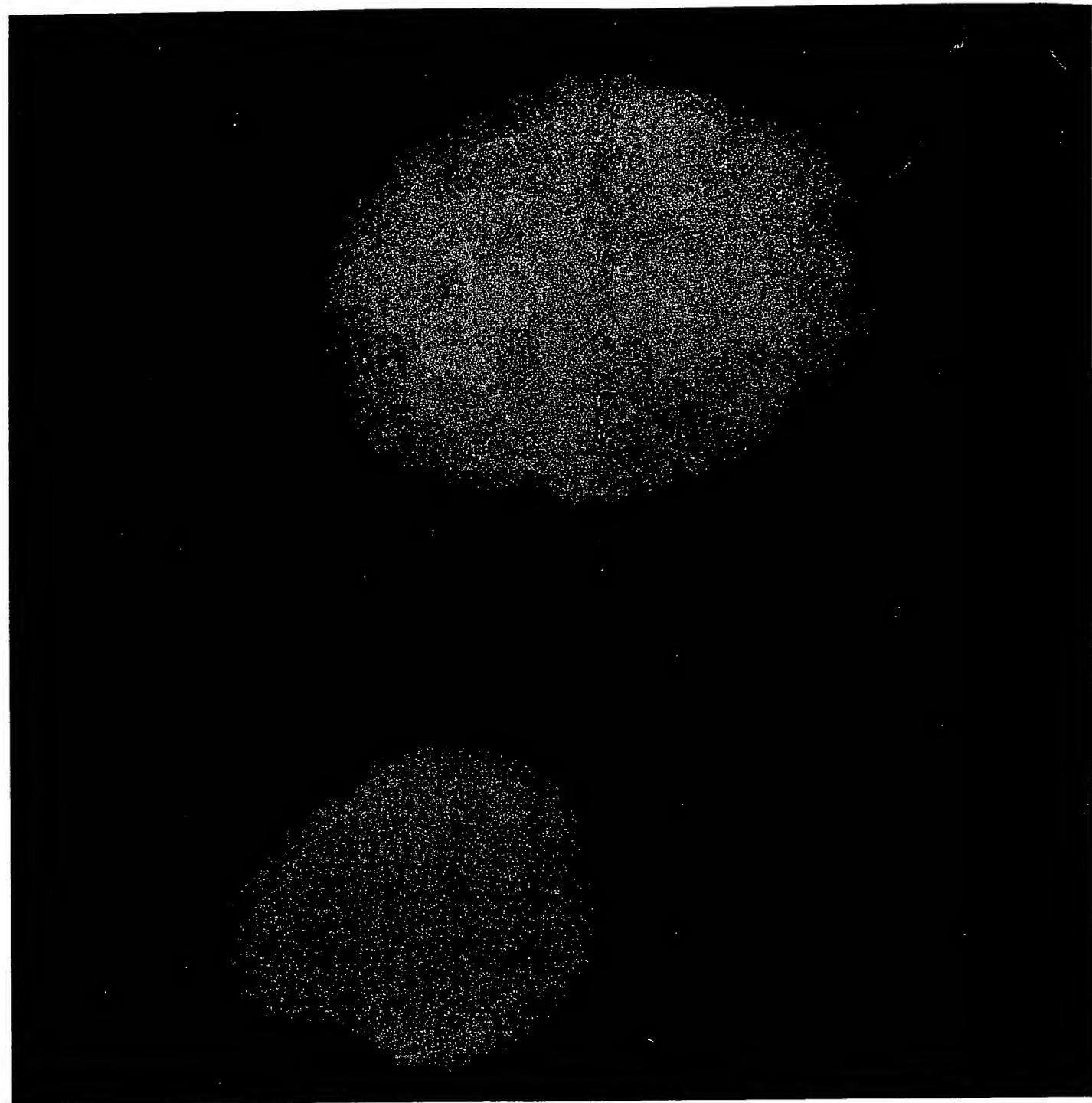


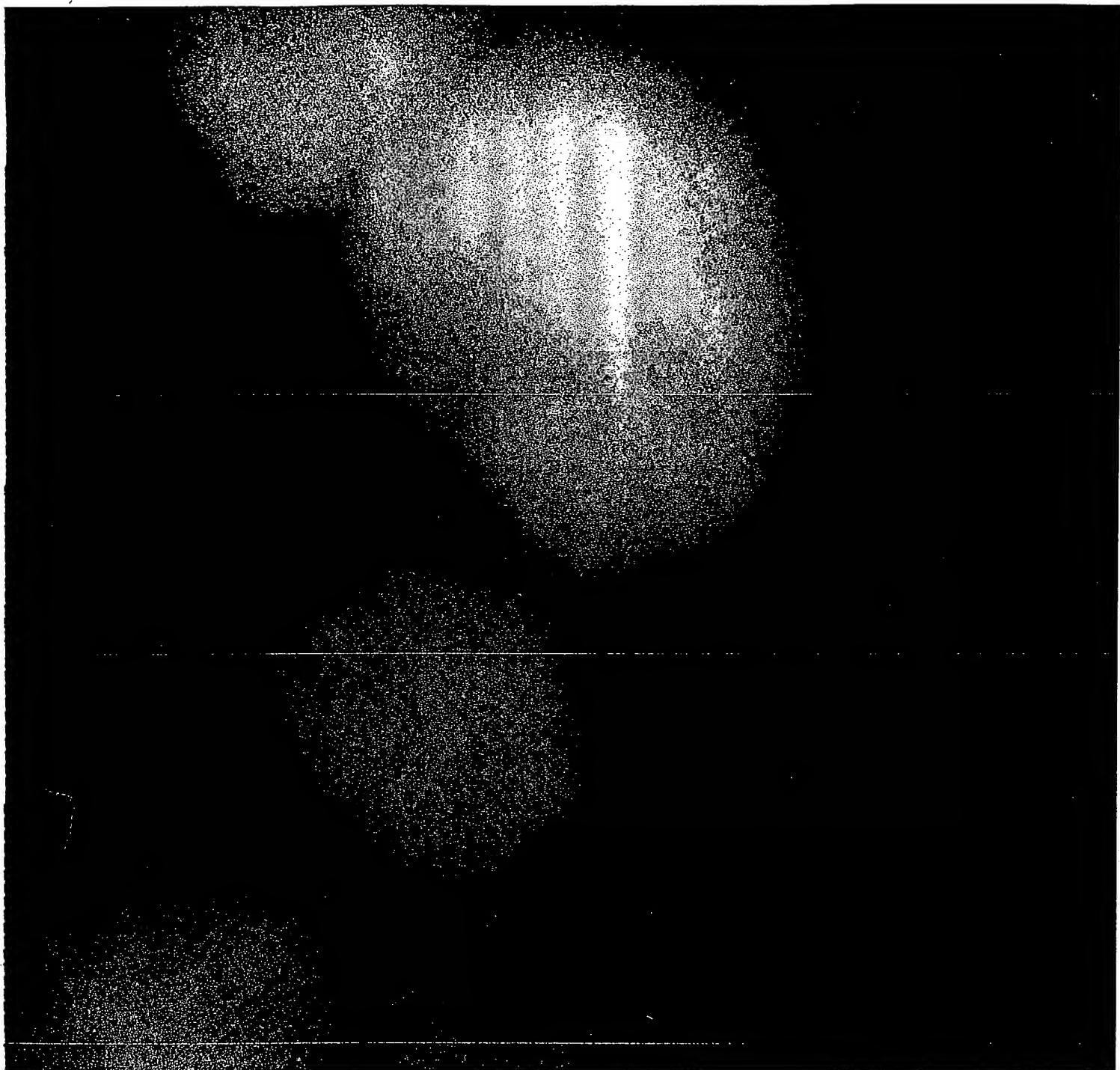
Figure 2  
Cell A Nucleus



**Figure 2C**  
**Cell B CK**



**Figure 2 □**  
**Cell B Nucleus**



**Figure 2E**  
**Cell B ADRgene**

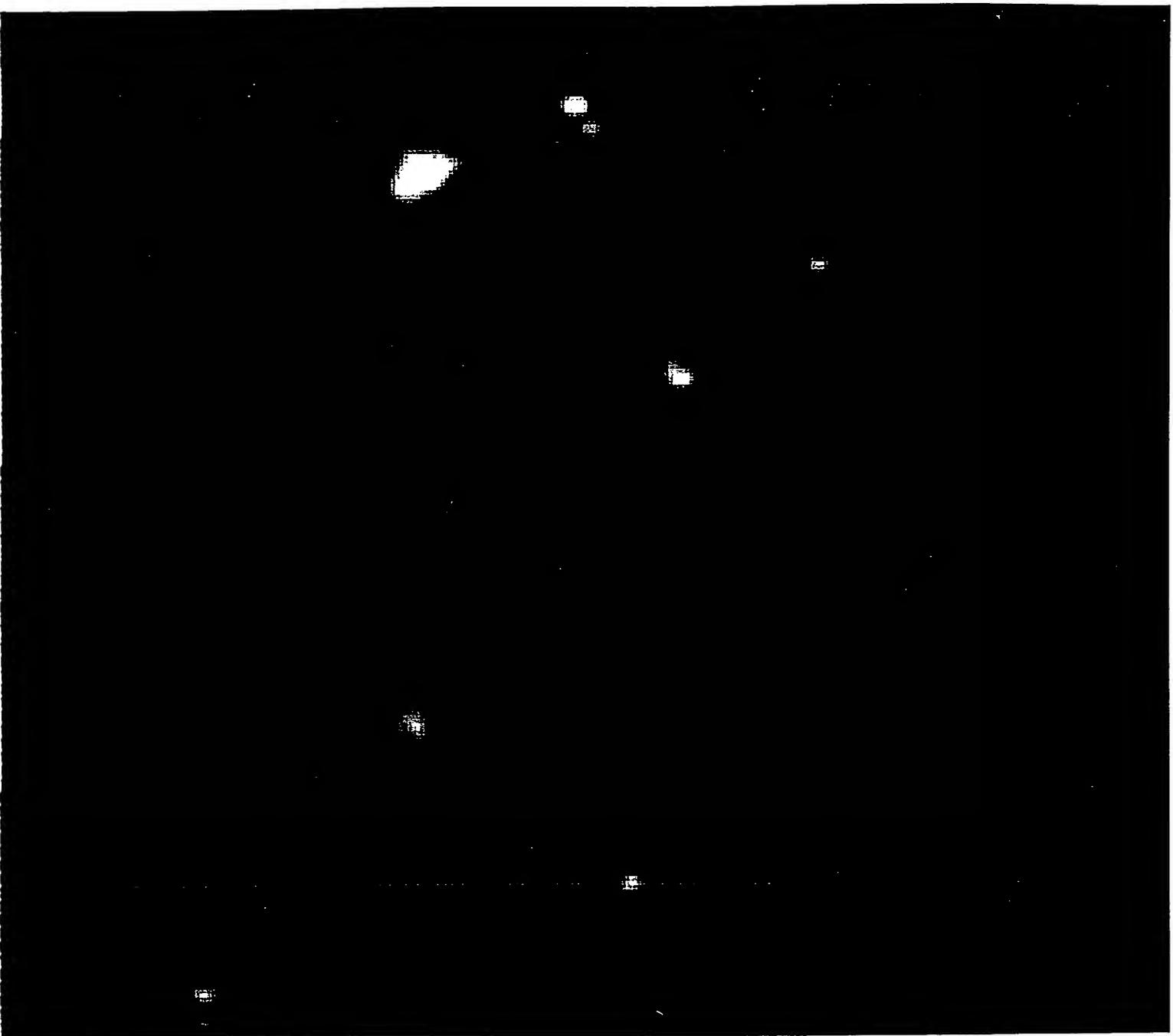


Figure 2F  
Cell C CK

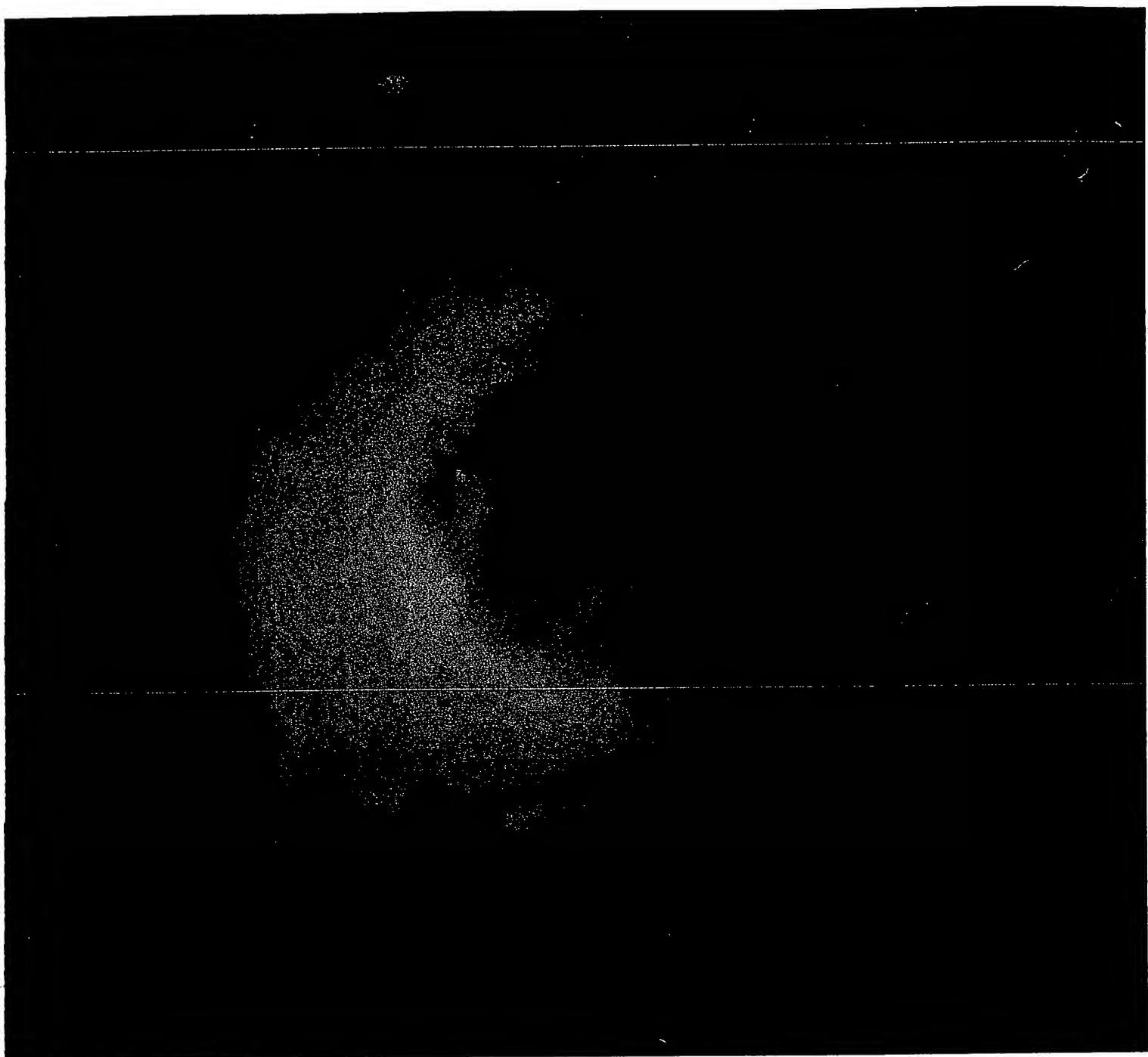


Figure 2G  
Cell C Nucleus

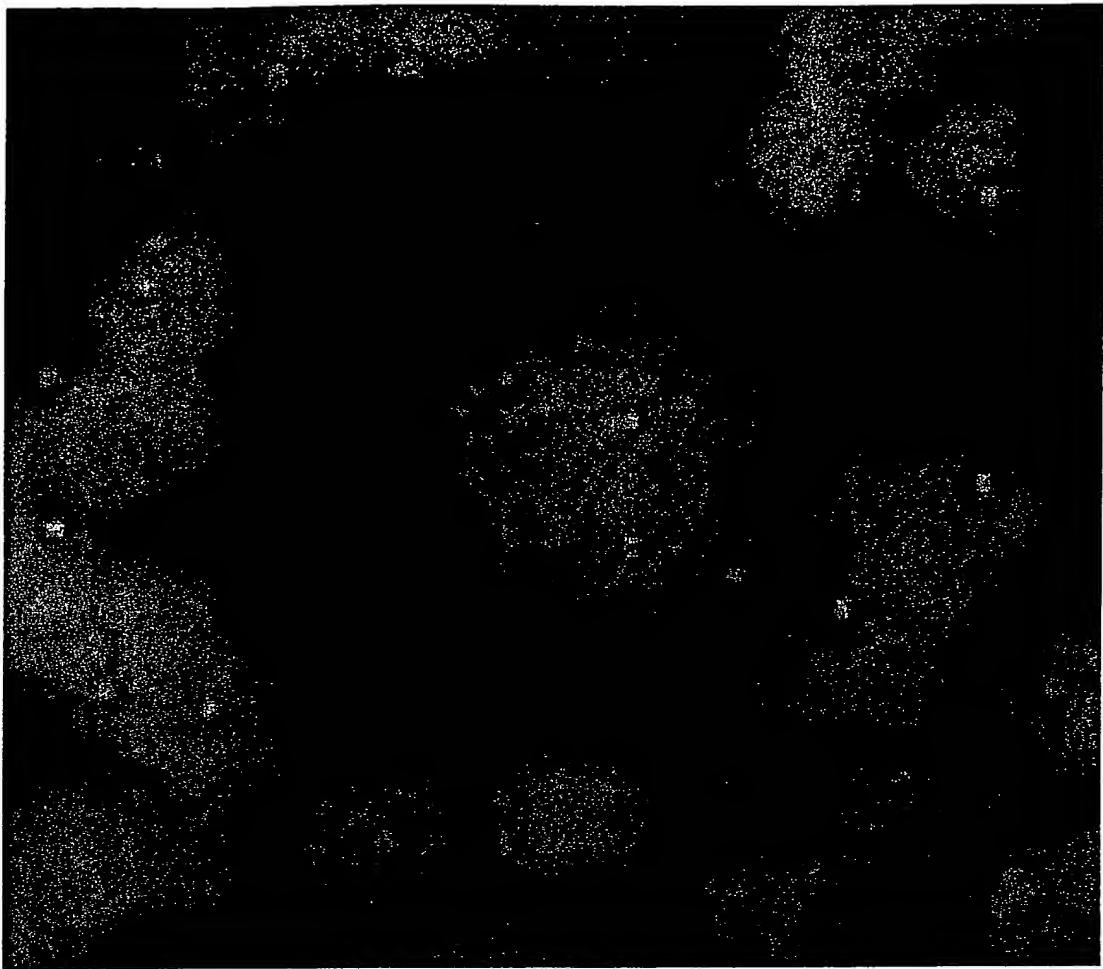
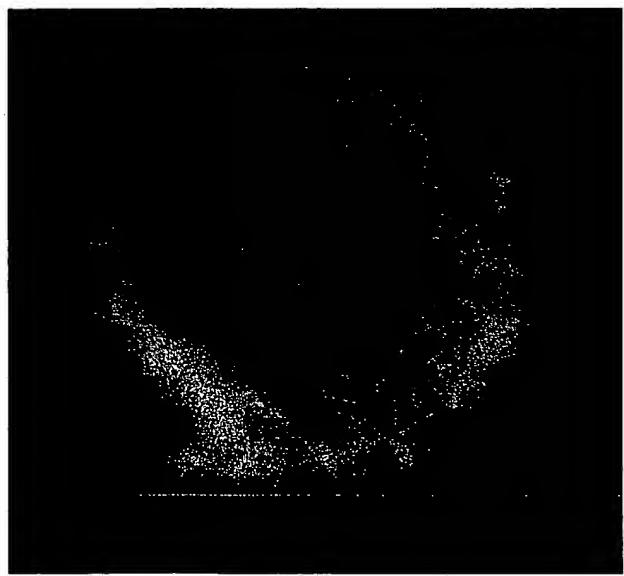
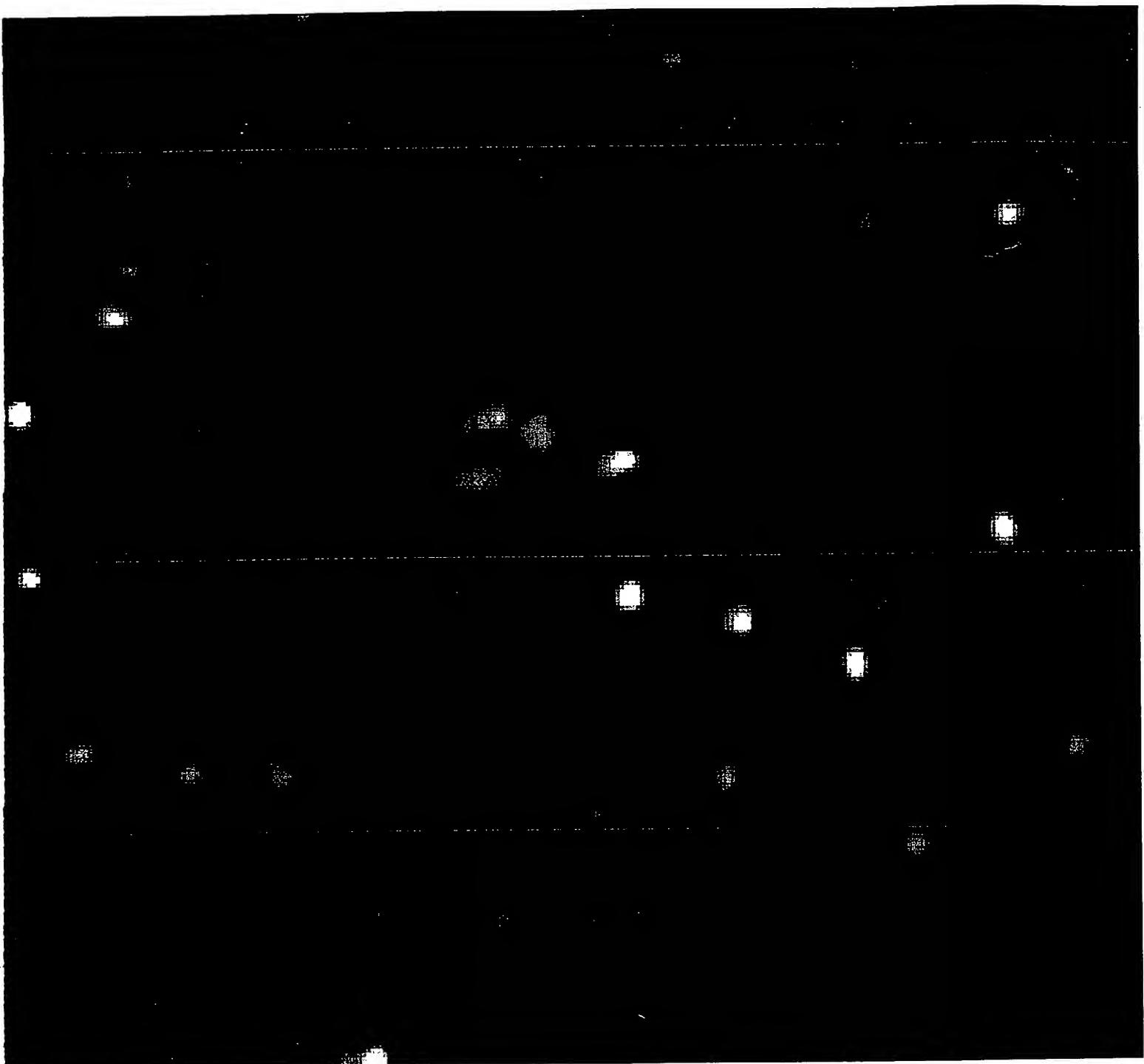


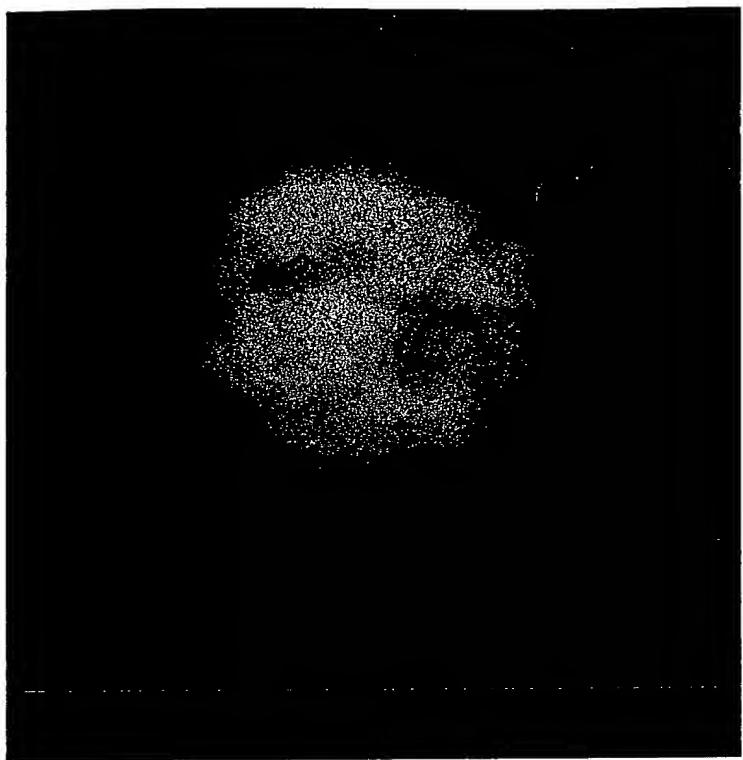
Figure 2 H  
Cell D CK



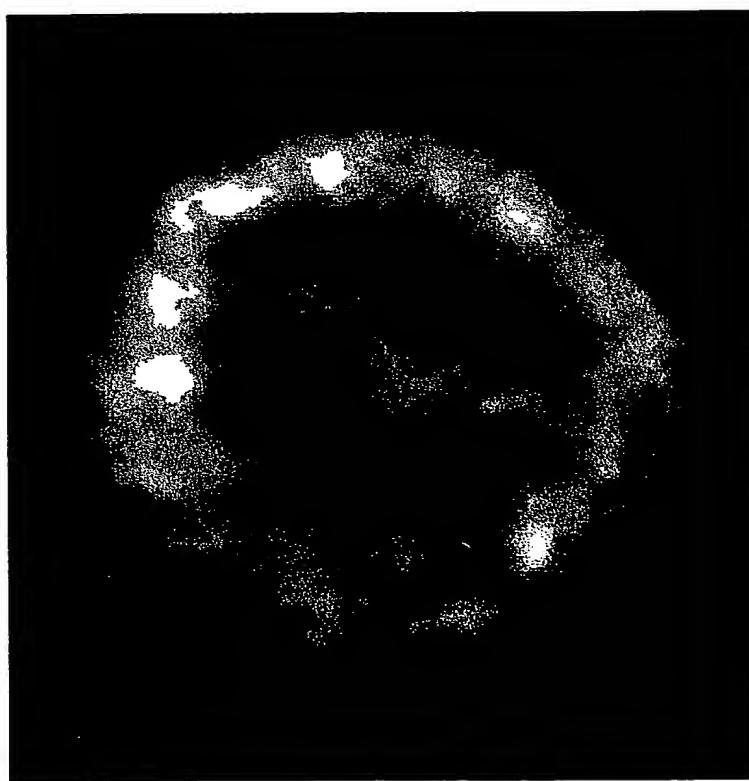
**Figure 2**  
**Cell C CHR18**



**Figure 2**  
**Cell E Nucleus**

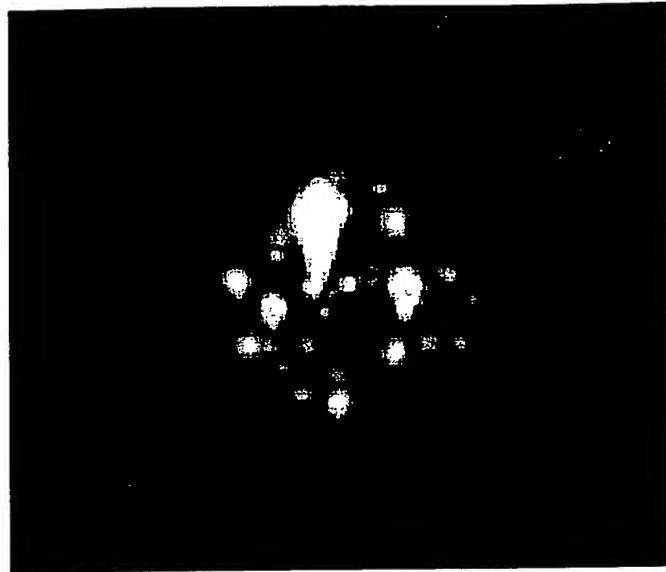


**Figure 2**  
**Cell E PSMA**



0.95000 0.95000

**Figure 2 L**  
**Cell F CK**



**Figure 2 m**  
**Cell F Nucleus**



Figure 2N  
Cell G CK

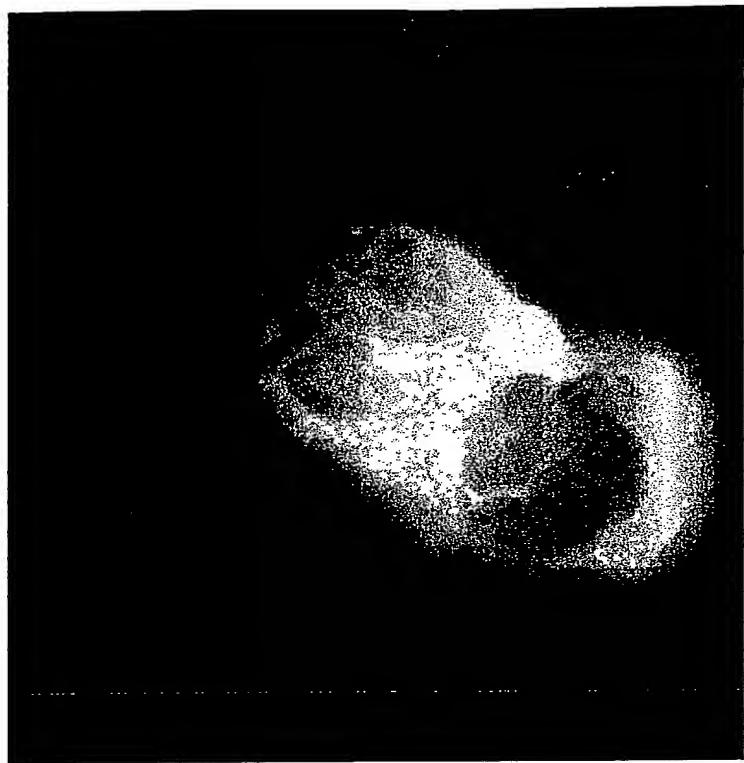
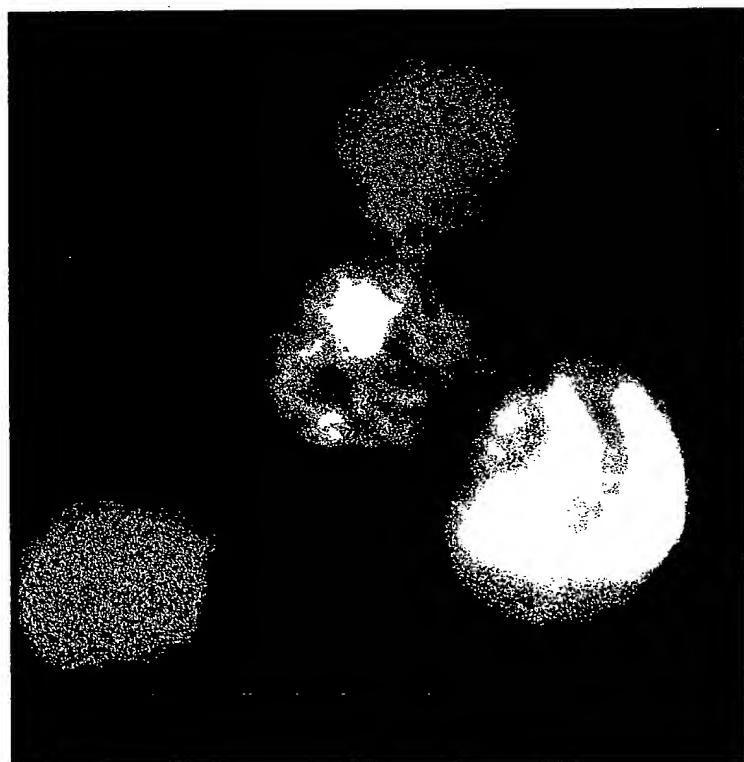


Figure 2O  
Cell G Nucleus



0.9501  
0.021000

**Figure 2 Q**  
**Cell H CK**



**Figure 2 Q**  
**Cell H Nucleus**

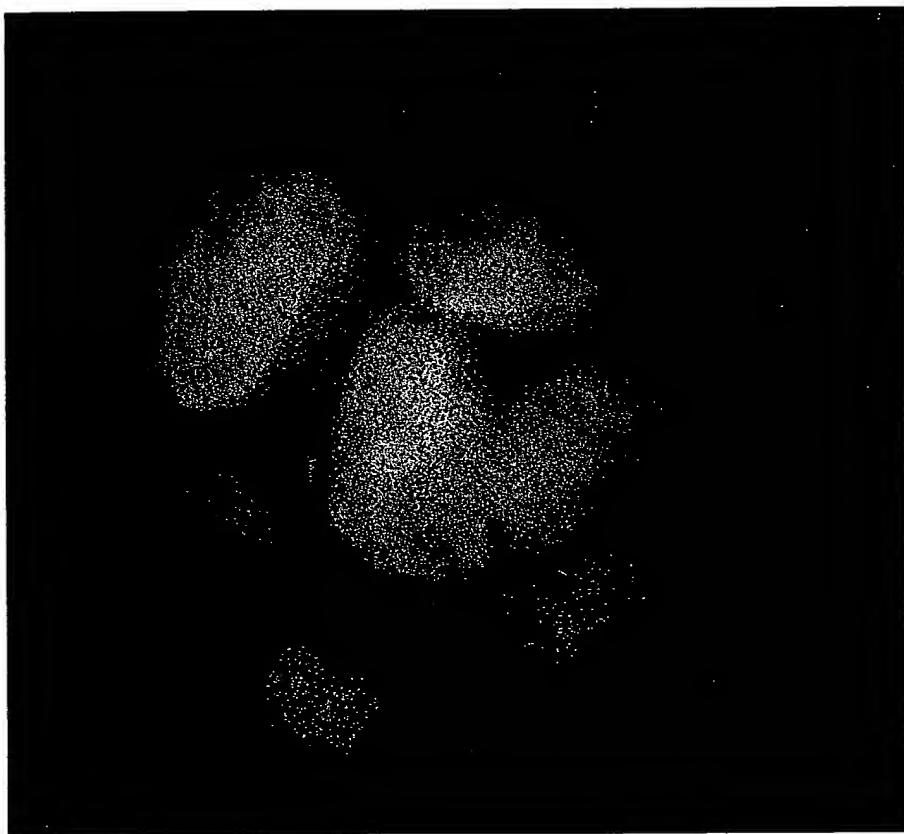


Figure 2A  
Cell I CK

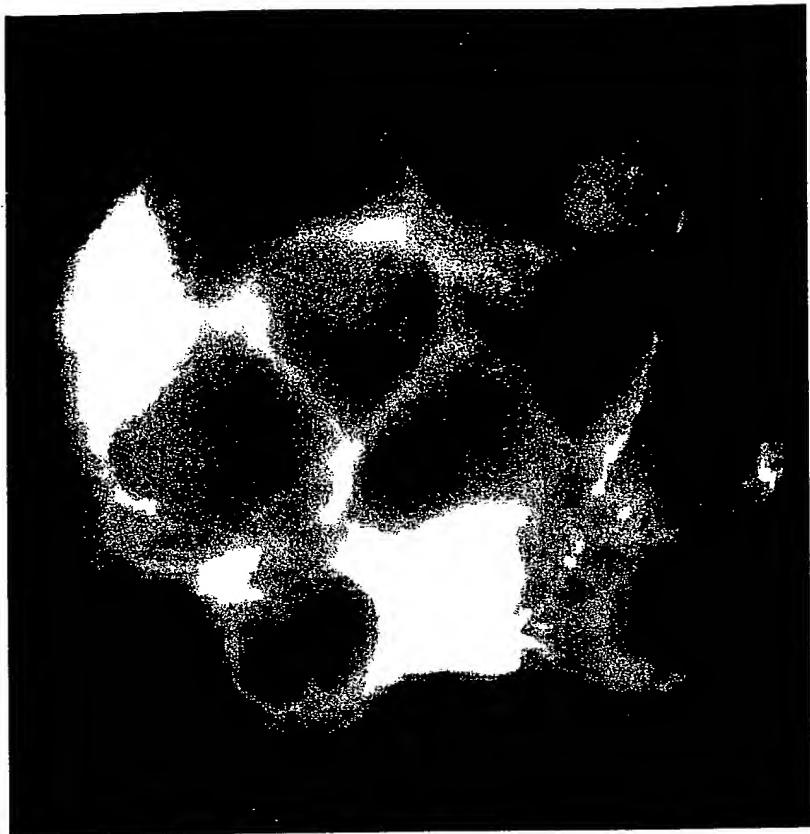


Figure 2S  
Cell I Nucleus

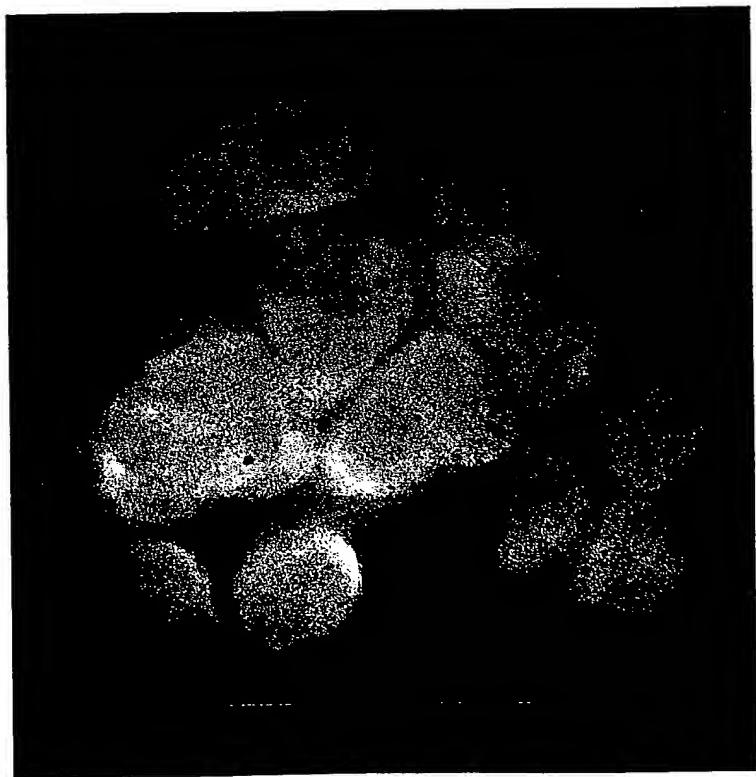
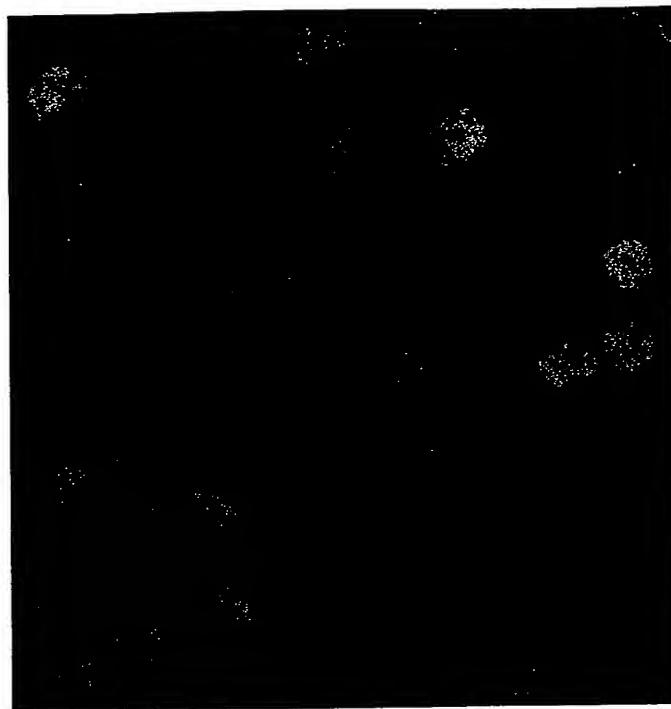


Figure 3



#Total Count: 17

Obj#	Area	Density Lum	IOD
4	1617	1288.630	2083715
5	1886	1338.963	2525285
6	1223	880.6623	1077050
7	1832	1324.938	2427286
8	1259	1028.612	1295023
9	1450	1500.625	2175907
11	1688	1367.434	2308228
13	1576	1362.875	2147891
14	4963	912.7314	4529886
15	5506	949.8057	5229630
17	1428	1229.701	1756013
18	1744	1005.263	1753178
19	1332	1329.164	1770446
20	1581	954.5616	1509162
21	1544	1224.475	1890589
22	1531	1116.885	1709951
24	1849	905.4127	1674108

Figure 4A

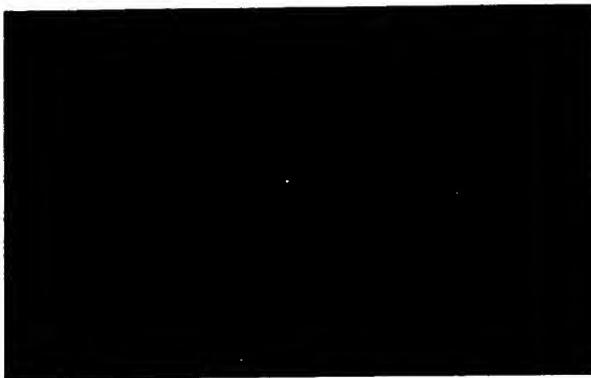


Figure 4B

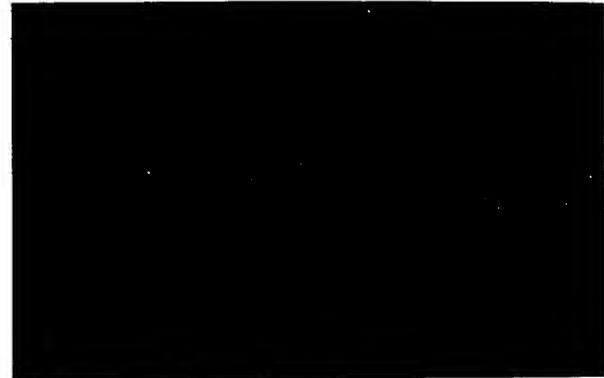


Figure 5A

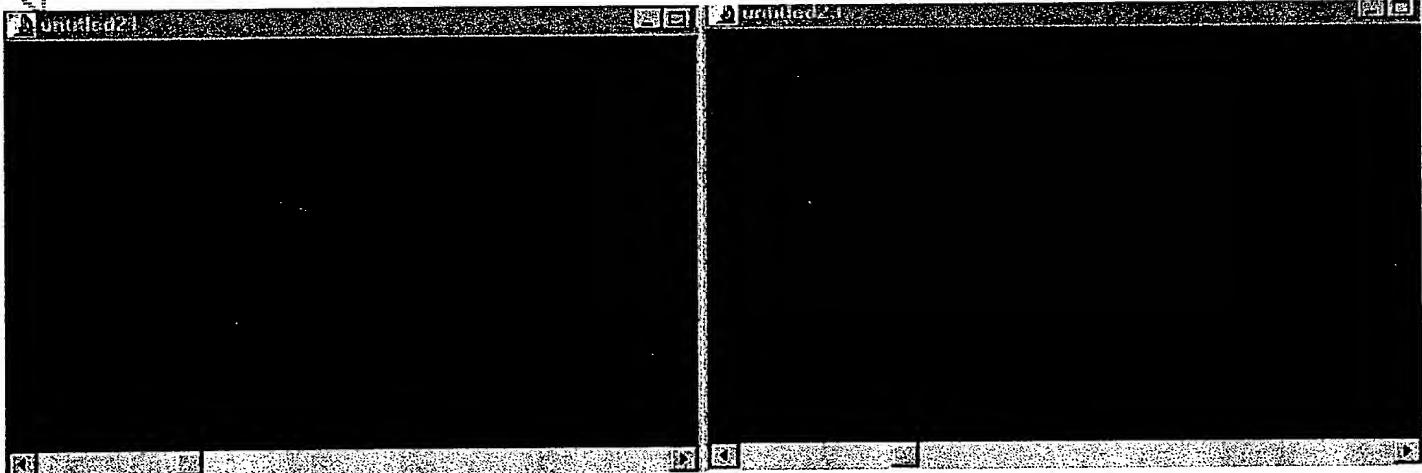


Figure 5B

Figure 6A

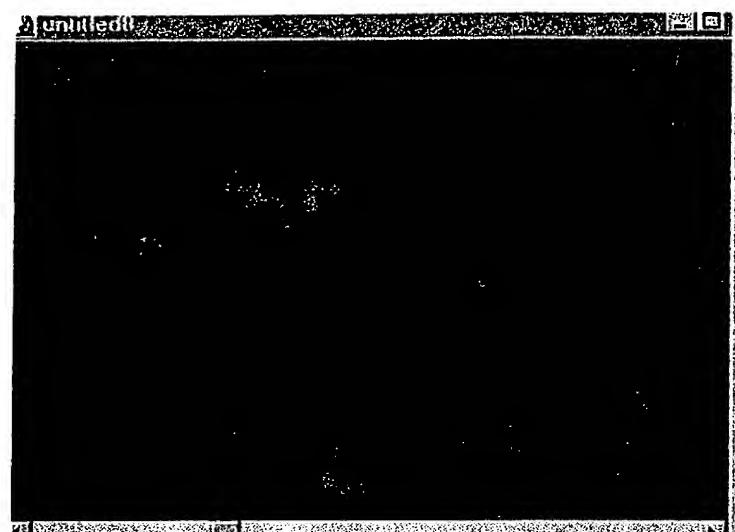


Figure 6B



Figure 7A

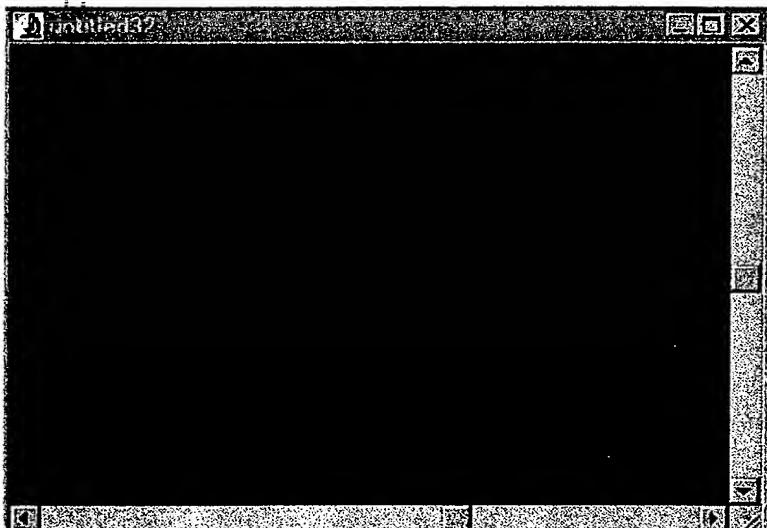


Figure 7B



Figure 8 A

prostate LnCap cell  
indirect staining  
blue-DAPI  
red-AR(1:50)-2ndAb-TXR(1:100)  
9-16-99 g jiang

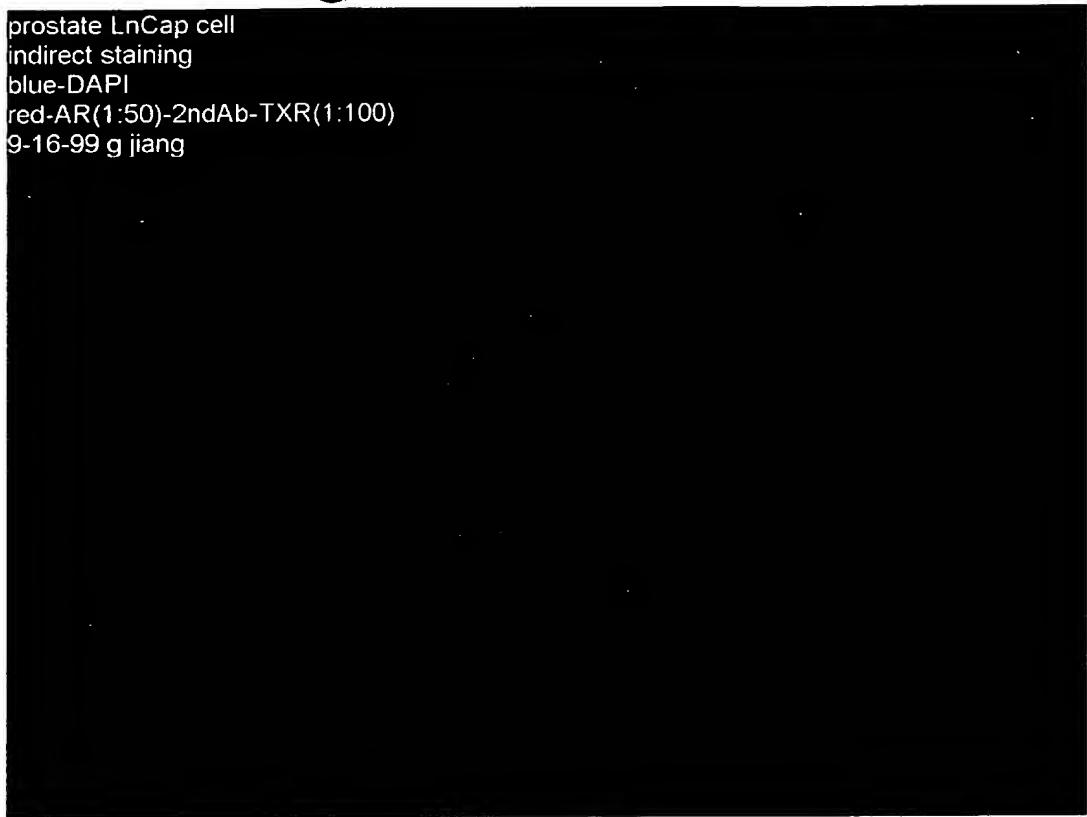


Figure 8 B

prostate LnCap cell  
indirect staining  
blue-DAPI  
green-CK-FITC  
9-16-99 g jiang

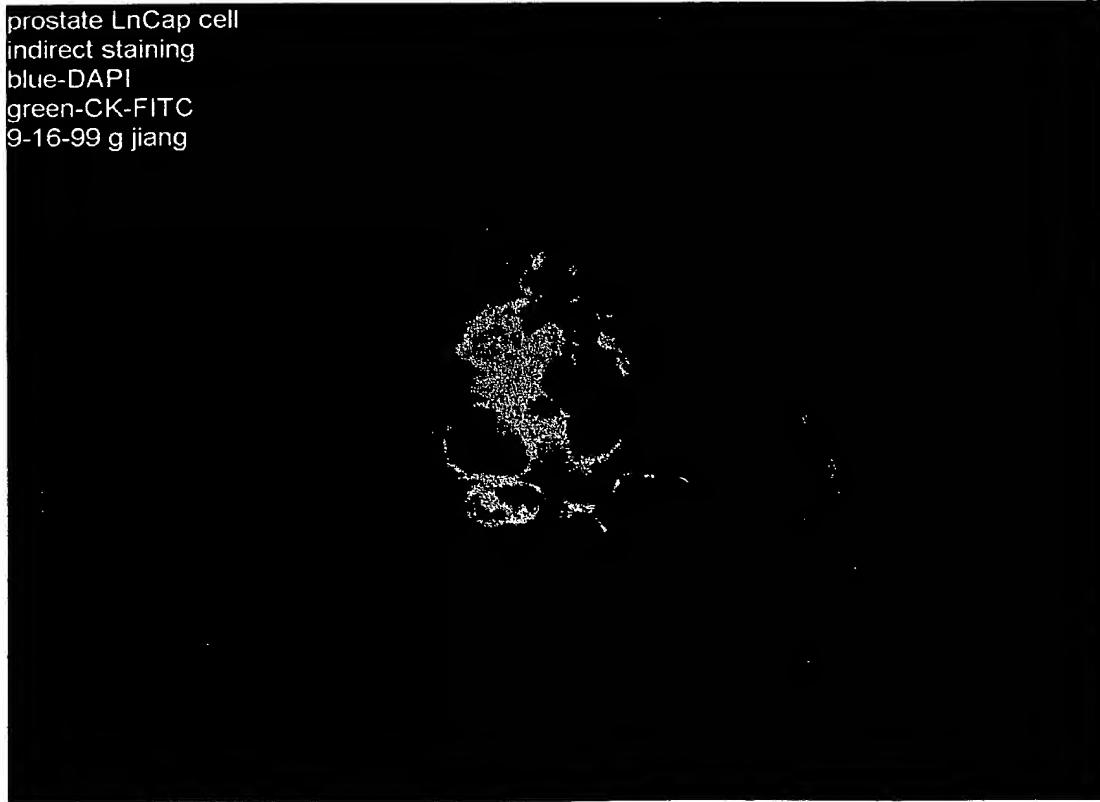


Figure 9A

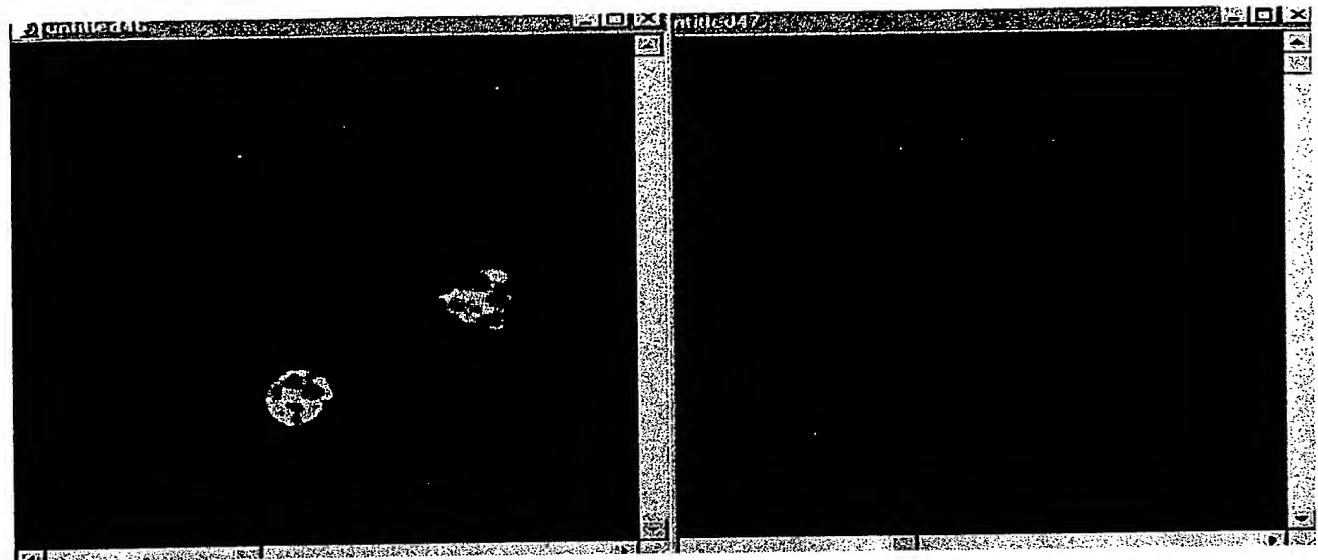


Figure 9B

Figure 10

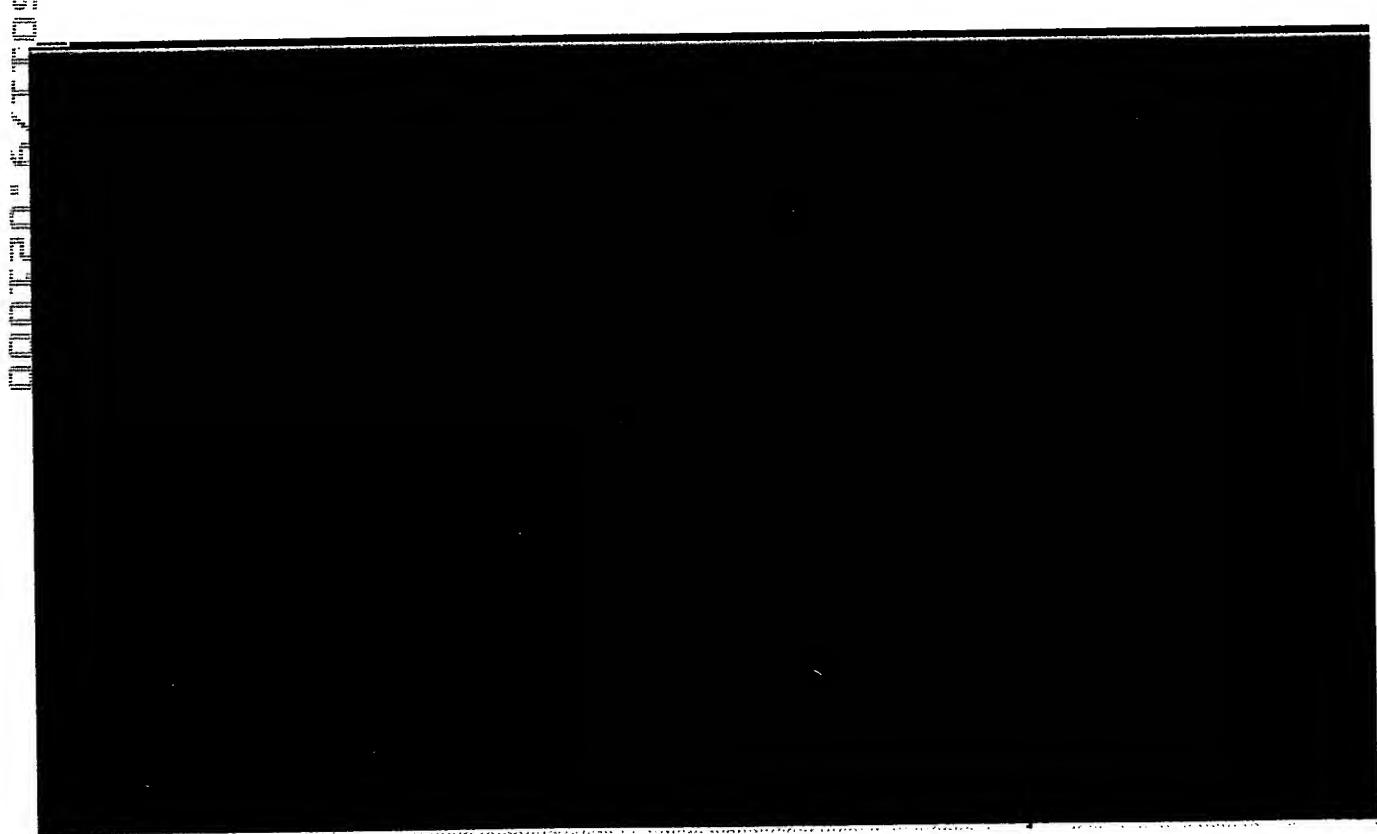
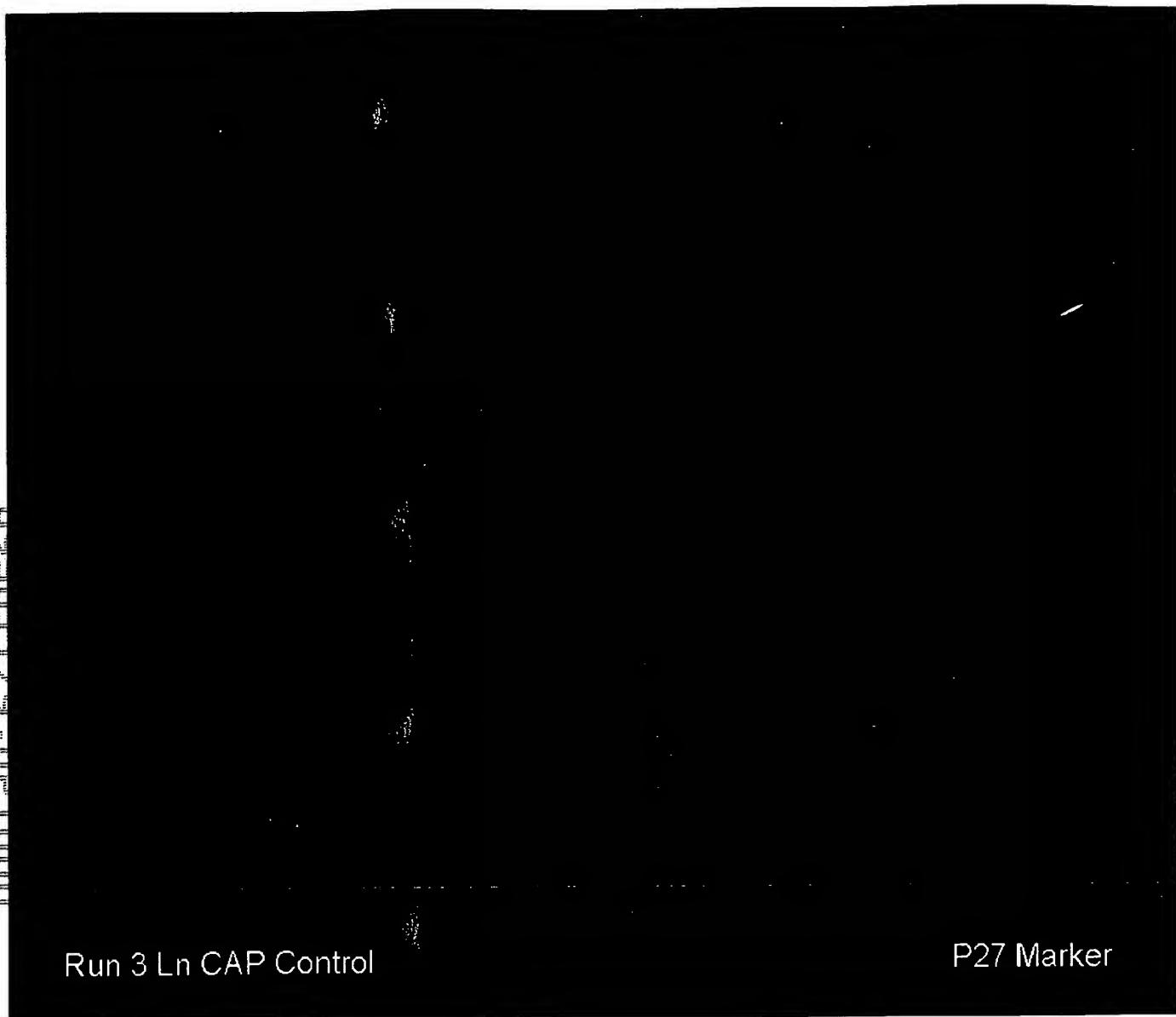


Figure 11 A



**Figure 11** ↳



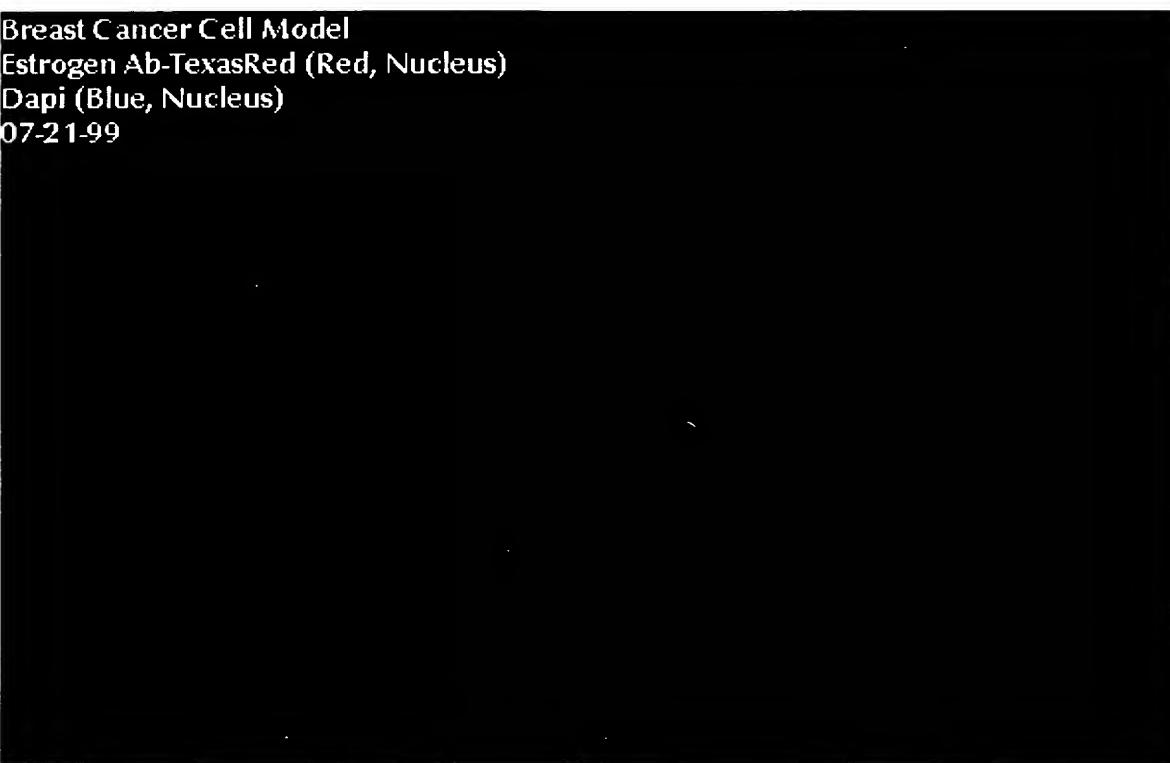
**Figure 12 A**  
**CK and Nucleus**

**Breast Cancer Cell Model**  
**Cytokeratin Ab-FITC (Green, Cytoplasm)**  
**Dapi (Blue, Nucleus)**  
**07-21-99**



**Figure 12 B**  
**ER**

**Breast Cancer Cell Model**  
**Estrogen Ab-TexasRed (Red, Nucleus)**  
**Dapi (Blue, Nucleus)**  
**07-21-99**



**Figure 13 A**  
**CK and Nucleus**

Breast Cancer Cell Model  
Cytokeratin Ab-FITC (Green, Cytoplasm)  
Dapi (Blue, Nucleus)  
07-21-99



**Figure 13 B**  
**PR**

Breast Cancer Cell Model  
Progesterone Ab-TexasRed (Red, Nucleus)  
Dapi (Blue, Nucleus)  
07-21-99

